

PC-1865BS

The ceiling speakers of the PC-series are suitable for announcements and BGM system use in high quality. The speaker's design harmonizes with modern architecture and decor. The PC-1865BS is equipped with a fire dome to protect it from fire and to prevent fire from spreading through the ceiling. Thus, the speaker is designed according to British Standard BS 5839-8: 2008 and EN54-24.




Order no: PC-1865BS
 Alternative products: VM-3360VA,
 VM-3240VA, VP-2421, VP-2421incl, VP-2241,
 VP-2241incl, VP-2122incl, VP-2122, VP-2064,
 VP-2064incl, VP-3504, VP-3154, VP-3304,
 SX-2000SM, VX-2000, VX-3008F, VX-3004F,
 VX-3016F

Specifications

Frequency response	200 Hz - 20 kHz
Connection	Ceramic clamp
Speaker component	12 cm cone-type
Tappings	6/3/1,5/0,8 W (100V)3/1,5/0,8/0,4 W (70V)
Finish	traffic white (RAL 9016 or equivalent)

Appearance



CEILING MOUNT FIREDOME SPEAKER PC-1865BS
5INCH 6W

The PC-1865BS is certified according to the European Standard EN 54-24: 2008, and compliant with the British Standard BS 5839-8: 2008. DoP number is 19-010.

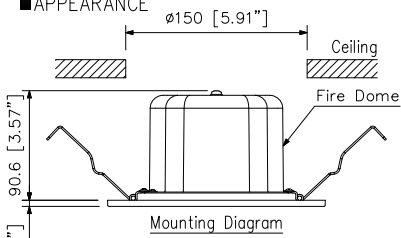
DESCRIPTION

The PC-1865BS Ceiling Mount Speaker product is certificated EN 54-24 and BS 5839-8: 2008. The PC-1865BS is suitable for announcement and music use in high quality sound cone speaker. Speaker design that harmonize with venue's architecture and decor. This speaker equipped Fire Dome to protect and prevents the fire from spreading in the ceiling in case of an emergency situation.

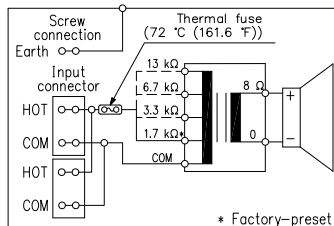
SPECIFICATIONS

Rated Input	6 W (100 V line), 3 W (70 V line)
Rated Impedance	100 V line: 1.7 kΩ (6 W), 3.3 kΩ (3 W), 6.7 kΩ (1.5 W), 13 kΩ (0.8 W) 70 V line: 1.7 kΩ (3 W), 3.3 kΩ (1.5 W), 6.7 kΩ (0.8 W), 13 kΩ (0.4 W)
Sensitivity	95 dB (1 W, 1 m) (500 Hz - 5 kHz, pink noise) 93 dB (1 W, 1 m) (100 Hz - 10 kHz, pink noise) 81 dB (1 W, 4 m) (100 Hz - 10 kHz, pink noise)
Maximum Sound Pressure Level	100 dB (6 W, 1 m) (100 Hz - 10 kHz, pink noise) 88 dB (6 W, 4 m) (100 Hz - 10 kHz, pink noise)
Frequency Response	200 Hz - 20 kHz (peak -20 dB)
Coverage Angle (-6 dB)	Horizontal and Vertical: 165° (500 Hz), 175° (1 kHz), 165° (2 kHz), 70° (4 kHz) according to EN 54-24
Environmental type	A (indoor applications)
Speaker Component	12 cm (5") cone-type
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Dimensions for Fixing Hole	Mounting hole: $\phi 150 \pm 3$ mm (5.91" ± 0.12 ") Ceiling thickness: 5 - 25 mm (0.2" - 0.98")
Speaker Mounting Method	Spring clamp
Applicable Cable	Solid wire: 0.8 - 6 mm ² (AWG 18 - 10)
Connection	2-Steatite connector (2 pole); 1 Screw connection for Earth
Finish	Frame: Steel plate, white (RAL 9016 equivalent), paint Grille: Steel net, white (RAL 9016 equivalent), paint Fire dome: Steel plate, black, paint
Dimensions	$\phi 180 \times 95.6$ (D) mm (7.09" \times 3.76")
Weight	860 g (1.9 lb)
Accessory	Rubber grommet $\times 2$, Paper pattern $\times 1$

APPEARANCE

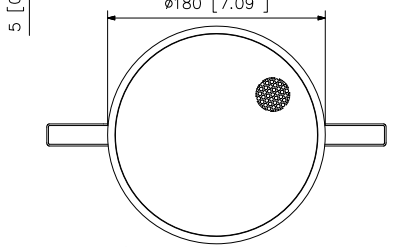


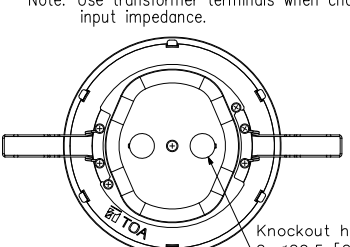
Mounting Diagram



* Factory-preset

Note: Use transformer terminals when changing input impedance.





Knockout hole
2- $\phi 20.5$ [2-0.81"]

UNIT:mm SCALE:1/4

19E

TOA Corporation

DWG No: GPC039A1-1

We supply sound, not equipment.
www.toa.eu.

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